

REMARKS

After the Response to the Office Action dated January 5, 2006, was filed, Applicants identified that Claims 40-50 had not been amended to refer to Claim 39, which had been amended to incorporate the limitations of rejected independent Claim 38. Claims 57-64 were noted as being allowed on the Office Action Summary accompanying the January 5, 2006, Office Action, although Claims 58-61 were noted as having objections on page 3 of that same Office Action. Further, the claims are dependent claims and the independent claim from which they depend was rejected. After the Response was filed, Applicants noted that with the independent claim cancelled, the dependent claims were not in an allowable form.

On May 12, 2006, Applicant's representative, Thomas Kulaga, spoke with Examiner Michael Nghiem and identified the above two issues with respect to the filed Response. Mr. Kulaga asked Examiner Nghiem to amend the reference contained in Claims 40-50 and cancel Claims 57-64. Examiner Nghiem said he would consider preparing an examiner's amendment to correct these two issues. The PTO mailed a Notice of Non-Responsive Amendment on July 11, 2006. The Notice identified the above two issues with the previous Response.

Claims 40-50 are amended to depend from independent Claim 39. Claim 41 has also been amended to correct a typographical error in the antecedent basis of a claim element. Claims 57-64 are cancelled, without prejudice. The Examiner objected to claims using the abbreviation "RTD". Claims 2, 4, 5, 13, and 15 have been amended to define RTD as a resistance temperature device. Applicant respectfully submits that Claims 1-13, 15, 17, 31-37, 39-54, 66, 85-88, and 93-101 are allowable.

Conclusion

In view of the amendment of Claims 2, 4, 5, 13, 15, and 40-50 and the cancellation, without prejudice, of Claims 57-64, it is believed that the above-identified patent application is in a condition for the issuance of a Notice of Allowance. Such action by the Examiner is respectfully requested. If, however, the Examiner is of the opinion that any of the drawings or other portions of the application are still not allowable, it will be appreciated if the Examiner will telephone the undersigned to expedite the prosecution of the application.

Please charge any additional fees associated with this communication, or credit any overpayment, to Deposit Account No. 50-3827 (06024-UPA).

Respectfully submitted,

A handwritten signature in black ink, reading "Thomas A. Kulaga". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

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